



DayStar Digital, Inc. 5556 Atlanta Hwy., Flowery Branch, GA 30542, 404-967-2077

## YOUR GUIDE TO MACINTOSH PERFORMANCE UPGRADES



If you want your Macintosh to explode with performance, then you need DayStar! We've been delivering Macintosh performance solutions since 1988. You can rest assured, along with 100,000 satisfied DayStar users, that your purchase will provide unparalleled quality and compatibility.

This catalog contains our most popular processor upgrades for PowerPC and 68040 performance. All DayStar products are designed to give you the maximum in performance and quality. We back all of our products with award-winning engineering, a solid warranty and excellent technical support. Make DayStar your performance choice.



# UPGRADES

## for '040 DESKTOP MACS

### PowerPro 601

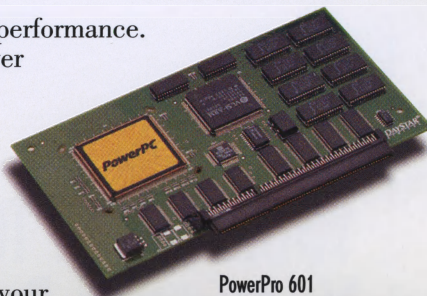
This is the 'no compromise' choice for PowerPC performance. It not only significantly outperforms Apple's Power Macintosh Upgrade Card, the PowerPro 601 delivers speeds faster than Apple's Power Macintosh 8100.

The PowerPro 601 is far less expensive than purchasing a new Power Macintosh system, and it is the fastest PowerPC 601 upgrade available today, offering speeds up to 100 MHz.

The PowerPro 601 protects your investment in your "Desktop Mac." The PowerPro provides a built-in one megabyte secondary cache that allows your current machine to run at full Power Macintosh speed. Unlike a new Power Mac, the PowerPro 601 works with your existing memory, so there are no hidden costs. The PowerPro 601 simply plugs into the Quadra or Centris PDS expansion slot. You are up and running in minutes.

The PowerPro 601 offers you the best of both worlds by using PowerPC technology licensed from Apple, and by giving you the ability to switch to the motherboard 68040 for an extra level of compatibility not found with Apple's Power Macintosh computers.

**The PowerPro 601 with RAM Expansion** offers all of the features of the standard PowerPro 601 and four standard 72-pin SIMM connectors, allowing users to install up to 128 MB of additional system memory. This additional memory is simply added to the memory you already have, and it is available in either PowerPC or 68040 modes. Because it operates at superfast 64-bit speeds when memory is added, it's the ultimate in imaging acceleration!



PowerPro 601

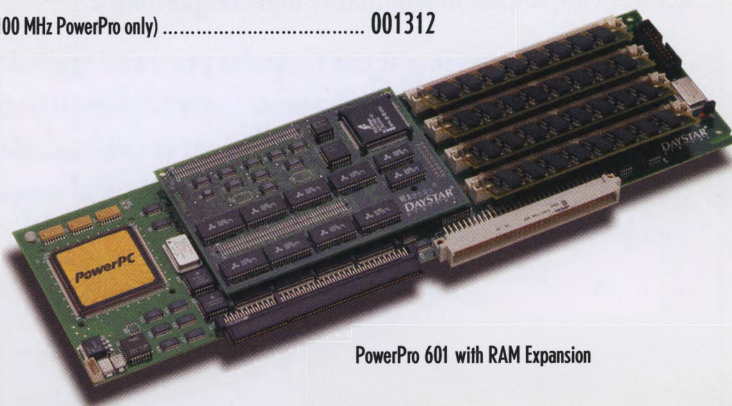
### PowerPro 601 System Requirements

- Apple® Macintosh® Quadra 610, 650, 700, 800, 900, 950, Centris 610, 650 (adapter required for the Quadra 610 and Centris 610).
- Requires System 7.5 or greater (not included)
- Options: RAM Expansion:  
Available on PowerPro 601 with RAM Expansion only. Allows for up to 128 MB of 64-bit wide system memory expansion using standard 72-pin, 80ns SIMMs

### Free Software

- DayStar's PowerPreview and PowerPC Plug-in for Adobe Photoshop, KCMS extension accelerated for PowerPC

100 MHz PowerPro 601 (Centris 610 operates at 80 MHz)	001251
80 MHz PowerPro 601 w/RAM Exp. (Quadra & Centris 610 not supported)	000865
PowerPro 610 Adapter (For 100 MHz PowerPro only)	001312



PowerPro 601 with RAM Expansion

**Plug  
Into  
Power**

# UPGRADES

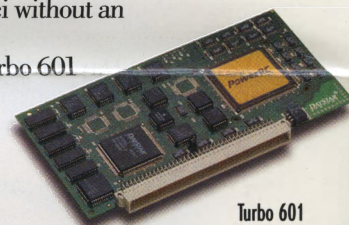
## for '030 DESKTOP

### Turbo 601

DayStar's new Turbo 601 provides full PowerPC performance and compatibility. . . it even provides faster performance for 68K based applications. MacUser Magazine says, "Turn your Mac IIci into a PowerPC screamer with the DayStar Turbo 601 upgrade." According to MacUser, the Turbo 601 is "a bargain" that runs "as much as 11 times as fast" as a Mac IIci without an upgrade.

The Turbo 601 works with all your current software, because unlike the Power Mac, it gives you the "best of both worlds." Just restart, and you can switch back to your 68030.

The Turbo 601 lets you maintain your investment in your "Desktop Mac." It's easy to install, and it works with all the PowerPC compatible cards in your current system. Just plug it into your PDS slot and you're PowerPC ready!



Turbo 601

### Turbo 601 System Requirements

- Apple® Macintosh® IIci, IIsi, IIvx, IIvi and Performa 600
- Requires Apple System 7.5 or greater (not included)
- Connects to the motherboard PDS connector
- IIsi version includes required adapter

### Turbo 601 IIci version

66 MHz	001213
100 MHz	001220

### Turbo 601 IIsi version

66 MHz	001305
100 MHz	001138

### Turbo 601 IIvx, IIvi, P600 version

66 MHz	001275
100 MHz	001220

**MAC HOME**

MacUser  
1992  
AWARD  
NOMINEE  
EUROPE

applicando  
Italy



# TOP MACS

# UPGRADES for ENTRY LEVEL MACS

## Turbo 040



If you want to get a real jump on performance, but don't want to have to buy new PowerPC ready applications, then the Turbo 040 is for you. Unlike a Power Macintosh, DayStar's Turbo 040 radically accelerates all your current software and doesn't require the purchase of new PowerPC versions of your applications. And when all your software is PowerPC ready, you have the option of upgrading to DayStar's PowerPC products. DayStar always protects your investment.

The Turbo 040 includes a built-in 128K cache that allows the card to run at full speed within your existing machine. It is available in models with or without a math chip, both of which provide Quadra 68040 or better performance at a fraction of the cost of a new machine.



Turbo 040

*Note: the PowerCache 030 is also available for the '030 Desktop Macs.*

### Turbo 040 System Requirements

- Apple® Macintosh® SE/30, II, IIx, IIcx, IIsi, IICI, IIVI, IIvx or Performa 600 (adapter required for the SE/30, II, IIx, IIcx and IIsi). Note: Price includes free socket installation for the IIcx motherboard by DayStar.
- Supports Quadra compatible software and hardware
- Supports virtual memory

### Turbo 040i

33 MHz-no FPU..... 000780

### Turbo 040

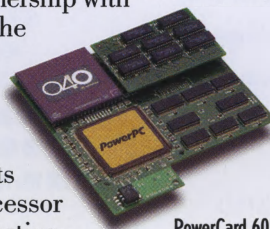
40 MHz-with FPU..... 000797

## PowerCard 601

Developed in partnership with Apple Computer, the PowerCard 601 provides the best of both worlds for the entry level Mac. Its PowerPC 601 processor accelerates your native applications up to six times faster than your 68040 software, transparently. And because the PowerCard 601 allows you to switch back to your Macintosh's 68040 simply by restarting, you gain an extra level of flexibility not found with a new Power Macintosh.

The PowerCard 601 includes a 256K secondary cache that allows the card to run at full speed on your existing machine, even with the memory you already have. On the 605 and 470 series Macs the PowerCard runs at 50 MHz and on the 570 and 630 series Macs it operates at 66 MHz.

The PowerCard 601 is user installable in just a few minutes in your home or office. It includes a complete upgrade kit - everything you will need to install the card, from chip puller, to photo-illustrated manual backed by our top flight technical support.



PowerCard 601

### PowerCard 601 System Requirements

- Apple® Macintosh® Performa, Quadra, and LC 470 series, 570 series, 605 and 630 series.
- Requires System 7.5 (included)

### Free Software

- Apple System 7.5, ClarisWorks for PowerPC

PowerCard 601 ..... 001206

## PowerCache 030



DayStar's PowerCache delivers big performance at a super low price. Today's applications require much more processing power to operate efficiently. The PowerCache is a cost effective way to deliver that power. This entry level upgrade puts the zip back in your Mac for just a few hundred dollars. And, its award-winning design is compatible with your software. No other accelerator offers greater compatibility.

Completely universal and transportable, the PowerCache supports over 20 Macs. Don't be misled by other low cost, low performance 68030 upgrades. The PowerCache combines a quick 68030 processor with a superfast RAM cache to accelerate a Mac LC up to 300% and a Mac Classic an amazing 1200%!

The PowerCache is easy to install. It includes a photo-illustrated manual and everything you need to be up and running in minutes.

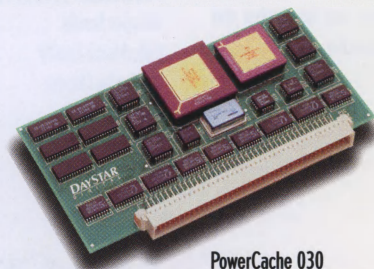
### PowerCache 030 System Requirements

- Apple® Macintosh® Classic, SE, SE/30, II, IIx, IIcx, IIsi, IICI, IIVI, IIvx, Color Classic, LC, LC II, LC III, LC520, or Performa 400, 405, 410, 430, 450, 600 (adapter required for all except IICI, IIVI, IIvx, Performa 600). Note: Price includes free socket installation for the IIcx motherboard by DayStar Digital.
- Supports virtual memory

### PowerCache 030

50 MHz-no FPU..... P31UV-050

50 MHz-with FPU ..... P31UV-M50



PowerCache 030



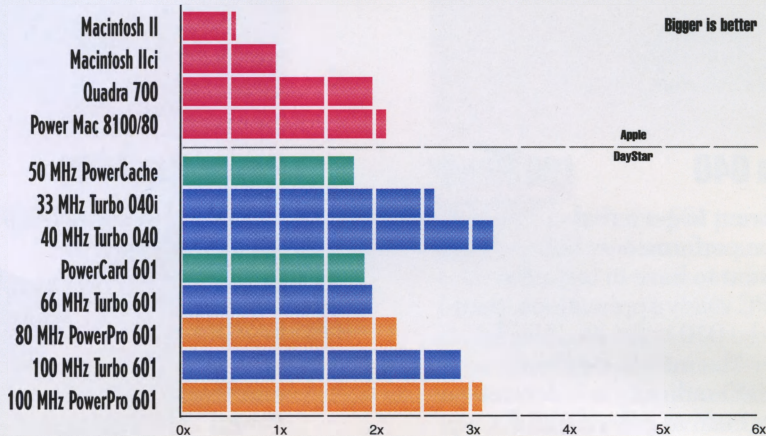


# EVALUATING UPGRADE SPEEDS

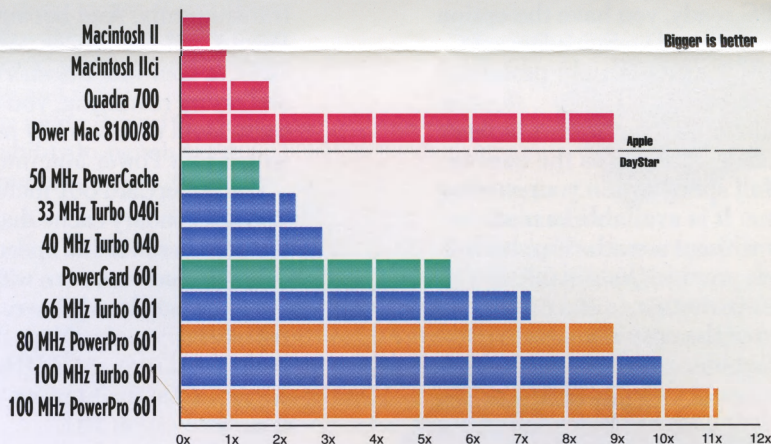
The benchmarks to the right represent real world results. We ran all of the various configurations in regular applications to give you a true representation of results you can expect.

We ran benchmarks with current 68040 only applications and also benchmarked new PowerPC ready applications (bottom chart). All speeds are relative to a standard Mac IIci without any acceleration.

**Times Faster Running current 68040 applications**  
(PowerPC running in emulation)



**Times Faster Running new PowerPC applications**



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## FaxBack is easy:

1. Call 800-438-0370 and follow the voice prompts.
2. Select the document number when asked.
3. Enter your fax number and extension.

## Product Sheets Doc #

PowerCard 601	.4007
PowerPro 601	.4006
Turbo 601	.4008
Turbo 040	.4001
PowerCache	.3001
Charger Family	.2001
ColorMatch Family	.2013
FastCache Quadra	.3006
PhotoMatic	.2015

## Purchasing Info Doc #

StarPrice Summary	.1002
Special Promotions	.8205
DayStar Dealers	
Canadian Dealers	.8004
International Dealers	.8005
Mail Order Companies	.8003
US-Eastern Dealers	.8001
US-Western Dealers	.8002

## News Releases Doc #

New Prices	.6045
PowerCard 601	.6037
Turbo 601	.6034
Upgrade Program	.6035
100 MHz PowerPro 601	.6046
100 MHz Turbo 601	.6047
Turbo 601 for Mac IIsi	.6048
Mac OS License	.6049
DayStar Mac-Compatible	.6050
PPC for Centris/Quadra 610	.6051

## Misc. Information Doc #

Getting Color Matched	.9001
KCMS Profiles	.9017
Universal Upgrade Form	.9008
Ilcx Motherboard	.7001
MacHOME Journal Reviews	
PowerCard 601	.9018
PowerPro 601	.9019
MacUser Reviews	.9020
Turbo 601, PowerCard 601, PowerPro 601	



For additional sales information call 800-962-2077

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